

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|--|------------------|---------|------------------|
| S1 | 8 | (inertia inertial) same viscosity same resistance same meniscus | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 08:01 |
| S2 | 19 | ("2487865" "2556550" "3177800" "3179042" "3553708" "3582954" "3640214" "3655379" "3790703" "3834301" "3884684" "3927410" "4010477" "4117497").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/02 13:35 |
| S3 | 95 | ("4312009").URPN. | USPAT | OR | OFF | 2005/03/02 13:46 |
| S4 | 493889 | (viscous viscosity resist\$4 inertia inertial) same (formula relation\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 13:47 |
| S5 | 705097 | (ink liquid fluid) with (passage channel path length) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 13:48 |
| S6 | 44557 | S4 and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 13:49 |
| S7 | 12 | (inertia inertial) same viscosity same meniscus | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 13:20 |
| S8 | 3235 | (ink flow) same (passage channel length) same meniscus | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 13:52 |
| S9 | 94 | (ink flow) same (passage channel length) same meniscus same inertia\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 14:10 |

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| S10 | 4 | (ink flow) same (passage channel length) same meniscus same inertia\$3 same ratio | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 14:06 |
| S11 | 66 | ((ink flow) same (passage channel length) same meniscus same inertia\$3) and piezoelectric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 14:09 |
| S12 | 10 | (ink flow) same (passage channel length) same meniscus same inertia\$3 same (ratio relation\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 14:12 |
| S13 | 10 | (ink flow) same (passage channel length) same meniscus same inertia\$3 same (ratio relation\$4 formula) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 14:10 |
| S14 | 933 | viscosity same inertia same force | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 14:12 |
| S15 | 323 | viscosity same inertia same force same (formula ratio relation\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 14:14 |
| S16 | 10 | viscosity same inertia same force same (formula ratio relation\$4) same ("0.2" S1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 14:33 |
| S17 | 2 | S15 and ink\$3jet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 14:15 |

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| S18 | 16 | S15 and piezoelectric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 14:39 |
| S21 | 60419 | "347"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 14:34 |
| S22 | 933 | viscosity same inertia same force | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 14:34 |
| S23 | 60419 | "347"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 14:34 |
| S24 | 11 | S22 and S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 14:36 |
| S25 | 3235 | (ink flow) same (passage channel length) same meniscus | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 14:36 |
| S26 | 38 | S22 and S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 14:36 |
| S27 | 58 | S22 and piezoelectric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 14:39 |
| S28 | 6 | ("5754204").URPN. | USPAT | OR | OFF | 2005/03/02 14:50 |
| S29 | 5 | ("4571599" "4697193" "5177504" "5510816" "5646662").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/02 14:57 |

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| S30 | 10705 | inertia with (ink or liquid or fluid) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 08:01 |
| S31 | 60466 | "347"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 08:01 |
| S32 | 575 | S30 and S31 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 08:02 |
| S33 | 2818 | 347/68-72.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 08:02 |
| S34 | 41 | S30 and S33 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 14:19 |
| S35 | 2 | ("4266232" "4672398").pn. | USPAT | OR | OFF | 2005/03/03 13:02 |
| S36 | 1 | "6412926".pn. | USPAT | OR | OFF | 2005/03/03 13:03 |
| S37 | 1 | ("6412926").URPN. | USPAT | OR | OFF | 2005/03/03 13:04 |
| S38 | 2 | ("4443807" "5189437").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/03 13:08 |
| S39 | 9 | ("4389654" "5790156" "5897789" "5900892" "6309050" "6339881" "6374481" "6412926" "6631979").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/03 13:20 |
| S40 | 68732 | (fluid ink liquid) with (inertia impedance vibration) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 14:04 |

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| S41 | 3933 | (fluid ink liquid) with (inertia impedance vibration) with (oscillat\$4 equilibrium stabilization stable) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 14:05 |
| S42 | 172 | S41 and meniscus | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 14:09 |
| S43 | 629133 | high with frequency | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 14:09 |
| S44 | 80 | S42 and S43 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 14:10 |
| S45 | 53 | S44 and print | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 14:10 |
| S46 | 70 | S44 and print\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 14:11 |
| S47 | 4978 | meniscus with (equilibrium oscillat\$4 stable stabilization stabilizing position momentum vibrat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 14:26 |
| S48 | 10705 | inertia with (ink or liquid or fluid) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 14:26 |

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| S49 | 60466 | "347"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 14:26 |
| S50 | 575 | S48 and S49 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 14:26 |
| S51 | 237 | S47 and S48 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 14:28 |
| S52 | 24 | S51 and piezo | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 14:28 |
| S53 | 77033 | (fluid ink liquid) with (inertia impedance vibrat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 14:39 |
| S54 | 760 | (fluid ink liquid) with (inertia impedance vibrat\$3) with meniscus | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 14:39 |
| S55 | 1885 | (fluid ink liquid) with (inertia impedance vibrat\$3) with (meniscus same control return stable) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 15:05 |
| S56 | 154 | (fluid ink liquid) with (inertia impedance vibrat\$3) with (meniscus with (control return stable steady oscillat\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 14:41 |

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| S57 | 73 | (fluid ink liquid) with (inertia impedance vibrat\$3) with (meniscus same control return stable) with (equation satisf\$4 formula\$3 relation\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 15:09 |
| S58 | 112323 | (meniscus same control return stable resonance resonat\$3 resonant) with (equation satisf\$4 formula\$3 relation\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 15:11 |
| S59 | 934 | viscosity same inertia same force | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 15:10 |
| S60 | 56 | ((control return resonance resonat\$3 resonant) with (equation satisf\$4 formula\$3 relation\$4)) with meniscus | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/03 15:11 |